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-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 34342

SERIAL NO. 10/678,904

APPLICANT:

Robert G. Maier FILING DATE:

GROUP ART

October 3, 2003

UNIT: 3634

INFORMATION DISCLOSURE CITATION BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)

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U.S. PATENT DOCUMENTS Examiner Filing Date Document No. Date **Subclass** Name Class Initial Appropriate Α 655,382 08/07/1900 W. H. Talbot В 3,529,381 09/22/1970 A. Grossman C 4,095,892 06/20/1978 Thornton D 4,226,050 10/07/1980 Kessler Ε 03/03/1981 4,253,688 Hosooka 4,525,952 07/02/1985 Cunningham et al. G 4,553,353 11/19/1985 Simpson 4,624,073 11/25/1986 Randall-1 4,961,286 10/09/1990 **Bezubic** J 4,991,886 02/12/1991 Nolte et al. K 5.083.398 01/28/1992 Kolbeck et al FOREIGN PATENT DOCUMENTS Document No. Date Class Country Subclass Translation L M N 0 OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) Q R

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BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate
65	A	5,087,087	02/11/1992	Vetter et al.			
	В	5,090,750	02/25/1992	Lindqvist			
	С	5,118,145	06/02/1992	Tucker			
	D	5,127,685	07/07/1992	Dallaire et al.			
	E	5,152,103	10/06/1992	Tucker et al.			
V	F	5,244,238	09/14/1993	Lindqvist			
G-22	G	5,301,989	04/12/1994	Dallmann et al.			
	 H-	5,398,447	03/21/1995	- Morse			*
GJS	1	5,414,962	05/16/1995	Forbis et al.			
(955	J	5,448,857	09/12/1995	Stormo			
GD	к	5,531,045	07/02/1996	Piltingsrud			

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 34342

SERIAL NO. 10/678,904

INFORMATION DISCLOSURE CITATION BY APPLICANT

5,832,666

5,901,499

5,927,767

(USE SEVERAL SHEETS IF NECESSARY)

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Robert G. Maier

APPLICANT:

FILING DATE:

October 3, 2003

GROUP ART UNIT: 3634

	U.S. PATENT DOCUMENTS										
Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate				
	A	D 371,502	07/09/1996	Morris		-					
	В	5,560,149	10/01/1996	Lafevre	-						
	С	RE 35,463	02/25/1997	Vetter et al.		·	,				
	D	5,620,213	04/15/1997	Ellis							
	Ε	5,715,631	02/10/1998	Kailian et al.							
	F	5,741,031	04/21/1998	Bauman et al.		·					
	G	5,791,700	08/11/1998	Biro							
	Н	5,813,710	09/29/1998	Anderson							

FOREIGN PATENT DOCUMENTS

Flack, II et al.

Delaske et la.

Smith et al.

11/10/1998

05/11/1999

07/27/1999

	Document No.	Date	Country	Class	Subclass	Translation
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OTHER	REF	ERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)
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Initial in reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through diation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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APPLICANT:

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GROUP ART

October 3, 2003

UNIT: 3634

Page 4 of 5

U.S. PATENT DOCUMENTS

5,934,031 5,970,656	Date 08/10/1999 10/26/1999	Name deNormand	Class	Subclass	Filing Date If Appropriate
5,970,656	 			-	
	10/26/1999				
		Maier)	
5,992,907	11/30/1999	Sheldon et al.			
5,996,283	12/07/1999	Maier			
6,109,668	08/29/2000	Demarco		_	
6,135,511	10/24/2000	Smith et al.		j	
6,230,457	05/15/2001	Brautigam		1	
6,305,126	10/23/2001	Hendrickson et al.			
6,363,659	04/02/2002	Wang			
6,817,142	11/16/2004	Marshik			
2002/0092241 A1	07/18/2002	Uken et al.		_	
	6,109,668 6,135,511 6,230,457 6,305,126 6,363,659 6,817,142	5,996,283 12/07/1999 6,109,668 08/29/2000 6,135,511 10/24/2000 6,230,457 05/15/2001 6,305,126 10/23/2001 6,363,659 04/02/2002 6,817,142 11/16/2004	5,996,283 12/07/1999 Maier 6,109,668 08/29/2000 Demarco 6,135,511 10/24/2000 Smith et al. 6,230,457 05/15/2001 Brautigam 6,305,126 10/23/2001 Hendrickson et al. 6,363,659 04/02/2002 Wang 6,817,142 11/16/2004 Marshik	5,996,283 12/07/1999 Maier — 6,109,668 08/29/2000 Demarco — 6,135,511 10/24/2000 Smith et al. — 6,230,457 05/15/2001 Brautigam — 6,305,126 10/23/2001 Hendrickson et al. — 6,363,659 04/02/2002 Wang — 6,817,142 11/16/2004 Marshik —	5,996,283 12/07/1999 Maier — 6,109,668 08/29/2000 Demarco — 6,135,511 10/24/2000 Smith et al. — 6,230,457 05/15/2001 Brautigam — 6,305,126 10/23/2001 Hendrickson et al. — 6,363,659 04/02/2002 Wang — 6,817,142 11/16/2004 Marshik —

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Ftc.)

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